



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification<sup>4</sup> :</b> <b>C12N 15/00, C12P 21/00</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 87/ 01131</b> <b>(43) International Publication Date:</b> 26 February 1987 (26.02.87)
<b>(21) International Application Number:</b> PCT/US86/01705 <b>(22) International Filing Date:</b> 18 August 1986 (18.08.86) <b>(31) Priority Application Number:</b> 767,213 <b>(32) Priority Date:</b> 19 August 1985 (19.08.85) <b>(33) Priority Country:</b> US  <b>(71) Applicant:</b> GENE LABS, INC. [US/US]; 871 Industrial Road, Building J, San Carlos, CA 94070 (US).  <b>(72) Inventors:</b> FOUNG, Steven, K. H. : 148 Park Street, San Francisco, CA 94110 (US). BLUNT, Judith, A. : 33487 Caliban Drive, Fremont, CA 94536 (US). RABIN, Linda, B. : 866 Laurel Street, Alameda, CA 94501 (US). GRUMET, F., Carl : 825 San Francisco Court, Sanford, CA 94305 (US). ENGLEMAN, Edgar, G. : 60 Lane Place, Ahterton, CA 94025 (US).	<b>(74) Agents:</b> DEHLINGER, Peter, J. et al.; Ciotti & Murashige, 545 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).  <b>(81) Designated States:</b> AT (European patent), AU, BE (European patent), CH (European patent), DE (European patent), FR (European patent), GB (European patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent).  <b>Published</b> <i>With international search report.</i>	
<b>(54) Title:</b> NON-HUMAN PRIMATE MONOCLONAL ANTIBODIES AND METHODS  <b>(57) Abstract</b>  A stable trioma cell line capable of secreting a non-human primate monoclonal antibody specific against a selected antigen. An exemplary cell line secretes chimpanzee monoclonal antibody specific against an antigen associated with hepatitis A, B or nonA/nonB infection. The cell line is produced, in the method of the invention, by isolating lymphocytes from a primate immunized with the selected antigen, and immortalizing the lymphocytes by fusion with a stable, non-antibody-secreting murine myeloma/human hybridoma cell line having selected-for human characteristics. The trioma fusion products are selected for secretion of the desired antibody, which has a variety of diagnostic and/or therapeutic uses.		